Montana Board of Oil and Gas Conservation Environmental Assessment

Operator: KeeSun Corporation

Well Name/Number: Ralph Botham 14C-13		
Location: SE SW Section 13 T34N R3W		
County: Toole, MT; Field (or Wildcat) Kevin-Sunburst		
Alm Ossallins		
Air Quality		
(possible concerns)		
Long drilling time: No. 3 to 4 days drilling time.		
Unusually deep drilling (high horsepower rig): No, single derrick drilling rig to drill to 1600' TD, in the Madison Formation.		
Possible H2S gas production: Slight H2S gas in the Madison Formation.		
In/near Class I air quality area: No, Class I air quality area nearby.		
Air quality permit for flaring/venting (if productive): Yes, DEQ air quality permit		
required under 75-2-211.		
Mitigation:		
_X Air quality permit (AQB review)		
X Gas plants/pipelines available for sour gas		
Special equipment/procedures requirements		
Other:		
Comments: No special concerns – using small rig to drill to 1600' TD. If		
there are existing pipeline for gas in the area then gas must be tied into system		
or if no gas gathering system nearby or a small quantity of associated gas, gas		
can be flared under Board Rule 36.22.1220.		
W (O P)		
Water Quality		
(possible concerns)		
Salt/oil based mud: No, freshwater, freshwater mud system, air, air mist. High water table: No high water table anticipated in the area of review.		
Surface drainage leads to live water: No surface drainages in the area of review.		
There are only some pothole alkali ponds.		
Water well contamination: No, closest domestic water well is about 3/8 of a		
mile to the southwest from this location. Depth of water well is 35'. Surface		
casing will be set and cemented from 500', well below the depth of this water		
well.		
Porous/permeable soils: Somewhat porous, sandy bentonite soils		
Class I stream drainage: No Class I stream drainages in the area of review.		
Mitigation:		
Lined reserve pit		
X_Adequate surface casing		
Berms/dykes, re-routed drainage		
Closed mud system		
Off-site disposal of solids/liquids (in approved facility)		

Wildlife/recreation

(possible concerns)
Proximity to sensitive wildlife areas (DFWP identified): None identified.
Proximity to recreation sites: No identified.
Creation of new access to wildlife habitat: No
Conflict with game range/refuge management: No
Threatened or endangered Species: Species identified as threatened by the
USFWS is the Black-footed Ferret. Species listed as candidate specie is the
Sprague's Pipit. NH tracker website for this Township and Range lists zero (0)
species of concern.
Mitigation:
Avoidance (topographic tolerance/exception)
Other agency review (DFWP, federal agencies, DSL)
Screening/fencing of pits, drillsite
Other:
Comments: Private surface cultivated land (CRP). There maybe
species of concern that maybe impacted by this wellsite. We ask the operator to
consult with the surface owner as to what he would like done, if a species of
concern is discovered at this location. The Board of Oil & Gas has no jurisdiction
over private surface lands.
Historical/Cultural/Paleontological
(possible concerns)
Proximity to known sites: None identified
Mitigation
avoidance (topographic tolerance, location exception)
other agency review (SHPO, DSL, federal agencies)
Other:
Comments: Private surface cultivated land (CRP) There maybe
possible historical/cultural/paleontological sites that maybe impacted by this
wellsite. We ask the operator to consult with the surface owner as to his desires
to preserve these sites or not, if they are found during construction of the wellsite
The Board of Oil & Gas has no jurisdiction over private surface lands.
Social/Economic
(possible concerns)
Substantial effect on tax base
Create demand for new governmental services
Population increase or relocation
Comments: No concerns. Well is a development oil well in the Kevin-
Sunburst Oil & Gas Field and existing oil and gas field since the 1920's.
Remarks or Special Concerns for this site

Well is a 1600' Madison Formation test.

Summary: Evaluation of Impacts and Cumulative effects

No long term impacts expected. Some short term impacts will occur, but can be
mitigaed.
I conclude that the approval of the subject Notice of Intent to Drill (does/ <u>does</u> <u>not</u>) constitute a major action of state government significantly affecting the quality of the human environment, and (does/ <u>does not</u>) require the preparation of an environmental impact statement.
Prepared by (BOGC):_\s\Steven Sasaki (title:) Chief Field Inspector Date: March 22, 2012
Other Persons Contacted:
US Fish and Wildlife, Region 6 website (Name and Agency) ENDANGERED, THREATENED, PROPOSED AND CANDIDATE SPECIES MONTANA COUNTIES, Toole County (subject discussed)
March 22, 2012 (date)
Montana Natural Heritage Program Website (FWP) (Name and Agency) Heritage State Rank= S1, S2, S3, T34N R3W (subject discussed)
March 22, 2012 (date)
If location was inspected before permit approval: Inspection date:

Inspector:	
Others present during inspection	<u>:</u>